



PATENT ABSTRACTS OF JAPAN

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(71) Applicant: **TOKICO LTD**
(72) Inventor: **UCHIYAMA TAKASHI**

(54) ELECTRONIC COMPONENT MOUNTING
DEVICE

(57) Abstract:

PURPOSE: To efficiently execute a work and to speed up an image processing by comparing binarized pattern data in a tip position detected by a TV camera with reference data in a storage device and detecting the rotation displacement quantity a lead of electronic parts.

CONSTITUTION: A TV camera 14 displays a reference mark W at a time an attracting band positions in the upper direction of a substrate M to an image monitor 11. The image is once inputted to the RAM of an image input memory unit 12. A feature extracting processing is executed by a computer 13, the lead in the specified position of a flat package N is aligned to a lead fitting part to correspond to the substrate M. Based on the processed result, the attracting band 5 is finely moved along an arrow A-B direction or an arrow C-D direction and rotated by a θ angle centering with an axis E as a center. Thus, a dislocation generated

when the package N is attracted by the band 5 and the dislocation of the substrate M are properly aligned.

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